

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the present patent application.

1-14 (Cancelled)

15. (Currently Amended) A multimedia data file producer adapted to be used with a personal computer, comprising:

an image pickup device ~~for~~ capable of receiving an image signal ~~from an object~~ and further capable of transformed transforming said image signal into a first analog signal ~~of a first electrical level~~;

a sound ~~image~~ pickup device capable of ~~for~~ receiving a sound signal and further capable of transforming transformed said sound signal into a second analog signal ~~of a second electrical level~~;

a first analog-digital converter electrically connected to said image pickup device, said first analog-digital converter capable of ~~for~~ converting said first analog signal into a first digital signal;

a second analog-digital converter electrically connected to said sound pickup device, said second analog-digital converter capable of ~~for~~ converting said second analog signal into a second digital signal; and

a processor electrically connected to said first and second analog-digital converters, the processor capable of ~~for receiving said first and second digital signals to produce~~ producing a single multimedia data file if the second digital signal matches a predetermined data, wherein the multimedia data file comprises including digital

image and sound information derived from the first and second digital signals ~~, which is provided for said personal computer.~~

16. (Currently Amended) The multimedia data file producer according to claim 15, wherein said image pickup device comprises ~~includes~~:

a lens set capable of ~~for~~ focusing said image signal; and

a photo-electric converting element capable of ~~for~~ sensing said focused image signal to generate said first analog signal.

17. (Currently Amended) The multimedia data file producer according to claim 16, wherein said photo-electric converting element ~~is~~ comprises a charge coupled device (~~CCD~~).

18. (Currently Amended) The multimedia data file producer according to claim 16, wherein said photo-electrical converting element ~~is~~ comprises a contact image sensor (~~CIS~~).

19. (Currently Amended) The multimedia data file producer according to claim 16, wherein said image pickup device further ~~includes~~ comprises a reflection mirror set capable of ~~for~~ transmitting said image signal to said lens set.

20. (Currently Amended) The multimedia data file producer according to claim 15, wherein said sound ~~image~~ pickup device comprises ~~includes~~:

a microphone capable of ~~for~~ receiving said sound signal and further capable of transforming ~~transformed~~ said sound signal into said second analog signal; and

a filter capable of ~~for~~ filtering off a noise signal from said second analog signal.

21. (Currently Amended) The multimedia data file producer according to claim 20, wherein said noise ~~signal~~ has a frequency beyond a range of a human voice.

22-27 (Cancelled)

28. (Currently Amended) A multimedia data file producer, comprising:
an image pickup device ~~for~~ capable of generating an image digital signal of an object;

a sound pickup device ~~for~~ capable of generating a sound digital signal, ~~related to said object;~~

a multiplexer ~~for~~ capable of combining said image digital signal and said sound digital signal; and

a processor connected to said multiplexer, the processor capable of ~~for~~ receiving an output of said multiplexer and further capable of producing a multimedia data file comprising consisting digital image and sound information if said sound digital signal matches predetermined data simultaneously.

29. (Currently Amended) The multimedia data file producer of claim 28, further comprising:

a first analog-digital converter ~~for~~ capable of converting an image analog signal to said image digital signal; and

a second analog-digital converter ~~for~~ capable of converting a sound analog signal to said sound digital signal.

30. (Currently Amended) The multimedia data file producer of claim 29, wherein said image pickup device comprises ~~includes~~:

a reflection mirror set;

a lens set ~~for~~ capable of focusing said object; and

a photo-electric converting element ~~for~~ capable of sensing said object to generate said image analog signal.

31. (Currently Amended) The ~~multi-media~~ multimedia data file producer of claim 30, wherein said photo-electric converting element is comprises a charge coupled device.

32. (Currently Amended) The multimedia data file producer of claim 30, wherein said photo-electric converting element is comprises a contact image sensor.

33. (Currently Amended) The multimedia data file producer of claim 29, wherein said sound pickup device comprises ~~includes~~:

a microphone ~~for~~ capable of receiving sound and producing, ~~transformed to~~ said sound analog signal; and

a filter ~~for~~ capable of filtering noise from the sound analog signal.

34. (Currently Amended) The multimedia data file producer of claim 28, wherein said processor is capable of producing the multimedia data file ~~records include~~ at least in part via multitasking ~~said image digital signal and said sound digital signal of~~ said object which are transmitted simultaneously, which is done by a time sharing

~~multi-tasking digital signal processor, in this case, said multimedia data file is consisting of generated image and sound of said object at each time frame.~~

35. (New) A method for producing a multimedia data file for use with a personal computer, comprising:

receiving an image signal;

transforming the image signal into a first analog signal;

receiving a sound signal;

transforming the sound signal into a second analog signal;

converting the first analog signal into a first digital signal;

converting the second analog signal into a second digital signal;

analyzing the second digital signal; and

producing a multimedia data file comprising digital image and sound information derived from the first and second digital signals if the second digital signal matches a predetermined data.

36. (New) The method of claim 35, wherein receiving the image signal comprises focusing the image signal using a lens set, and further wherein transforming the image signal into a first analog signal comprises sensing said focused image signal.

37. (New) The method of claim 35, wherein transforming the image signal into a first analog signal comprises transforming the image signal using a charge coupled device (CCD).

38. (New) The method of claim 35, wherein transforming the image signal into a first analog signal comprises transforming the image signal using a contact image sensor (CIS).

39. The method of claim 35, wherein transforming the image signal into a first analog signal comprises sensing an image using a scanning device.

40. (New) An apparatus, comprising:
means for receiving an image signal;
means for transforming the image signal into a first analog signal;
means for receiving a sound signal;
means for transforming the sound signal into a second analog signal;
means for converting the first analog signal into a first digital signal;
means for converting the second analog signal into a second digital signal;
means for analyzing the second digital signal; and
means for producing a multimedia data file comprising digital image and sound information derived from the first and second digital signals if the second digital signal matches a predetermined data.

41. (New) The apparatus of claim 40, wherein the means for receiving the image signal comprises means for focusing the image signal, and further wherein the means for transforming the image signal into a first analog signal comprises means for sensing said focused image signal.